

STEREO MOC Status Report  
Time Period: 2007:204 - 2007:210

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 207 the DSS-26 antenna stopped tracking at 12:35Z. The station problems were resolved at 12:50Z and the SSR data was recovered.
- On day 208, equipment problems at DSS-26 resulted in a 12 minute late BOT. In addition, there was no ranging data available during this track due to these problems.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. IMU 2 continues to be used nominally on the Ahead spacecraft. The following list summarizes the spacecraft/instrument events which occurred during this week:

- The average daily SSR playback volume for Ahead was 6.7 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 207, due to two separate equipment problems at DSS-65, BOT occurred 14 minutes late (17:29Z) and command was established approximately 35 minutes late (18:00Z).

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following list summarizes the spacecraft/instrument events which occurred during this week:

- The average daily SSR playback volume for Behind was 7.8 Gbits during this week.

- On day 206 the fourth Momentum Dump on Behind was successfully conducted.
- On day 207, new autonomy rule for Invalid GT Rates (#126 and associated macro #147) was loaded to C&DH RAM only. Following the loading of this new autonomy rule, the G&C parameter was set in RAM to use GT rates.